BRUHAT BENGALORU MAHANAGARA PALIKE

Name of Work : Modified Estimate for Construction of Marriage Community Hall in Jakkur in Ward no.07 Yelahanka Kodigehalli Sub division.

Construction Of 6 Marriage Community Hall in New Zones at the Cost Rs.2.00Cr.Each.						*Modifie Est. Cost Rs.1.97 Crore*		
Description of Item	**Unit**	**No.**	**L**	**B**	**D**	**Qty.**	**Rate**	**Amount**
M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres complete as per specifications. i) Lime / Cement Concrete. I. By Manual Means :C. Prestressed / Reinforced cement concrete grade M20 & above. NORTH Specification No. 202 (P.103/I.18.19 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Cum							
Existing Building - Roof Slab		1	10.00	5.00	0.15	7.50		
Roof Beam		2	10.00	0.23	0.45	2.07		
		3	5.00	0.23	0.45	1.55		
Lintles		2	10.00	0.23	0.20	0.92		
		3	5.30	0.23	0.20	0.73		
Chajja		4	1.80	0.60	0.10	0.43		
		1	2.00	0.60	0.10	0.12		
						13.32	1230.69	**16393.00**
Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m. (P.265/I.37.47 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
For Wall Portion		2	10.00	0.23	3.00	13.80		
		3	5.00	0.23	3.00	10.35		
Parapet		2	10.00	0.23	0.60	2.76		
		2	5.00	0.23	0.60	1.38		
						28.29		
Deductions								
Lintels		2	10.00	0.23	0.20	0.92		
		3	5.00	0.23	0.20	0.69		
D		1	1.00	0.23	2.10	0.48		
D1		2	1.00	0.23	2.10	0.97		
W		4	1.20	0.23	1.20	1.32		
V		2	0.60	0.23	0.60	0.17		
						4.55		
						23.74	187.86	**4460.00**
Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms). (P.265/I.37.51 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
			1	4.50	4.50		20.25		
			1	5.10	4.50		22.95		
			1	1.50	1.20		1.80		
			1	6.00	3.00		18.00		
							63.00	66.23	**4172.0**
4	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m. (P.265/I.37.48 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
			2	10.00	0.60	0.45	5.40		
			3	5.00	0.60	0.45	4.05		
			2	1.20	0.60	0.45	0.65		
			2	10.00	0.45	0.45	4.05		
			3	5.00	0.45	0.45	3.04		
			2	1.20	0.45	0.45	0.49		
							17.68	207.12	**3662.0**
5	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Cum							
	Levelling the Ground		1	23.00	(14.6+28.6)/2	0.75	**372.60**		
	Qty Limited to Tender Qty						**372.60**	189.06	**70444.**
6	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.140 I.18.57/1)	Cum							
			Qty Vide Item No.1+2+4+5				427.34		
			Qty Vide Item No.3 x 0.15				9.45		
	Total Qty						**436.79**		
	Qty Limited to Tender Qty						**436.79**	129.34	**56494**

Amount	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
4172.0	KSPWD 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1 (b) / 2.3.5 (PSR 2.4 PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Cum							
	For Columns 1		6	3.50	3.50	2.50	183.75		
	Columns 2		4	2.50	2.50	2.50	62.50		
	Columns 3		2	4.50	3.50	2.50	78.75		
	For Common Footing 1		1	25.20	4.50	2.50	283.50		
	For Common Footing 2		1	20.40	4.50	2.50	229.50		
3662.0	For Lift Room		1	3.00	3.00	3.50	31.50		
	Walls Towards N/S to S/S								
	LOW		1	23.70	1.00	1.25	29.63		
	LOW		1	23.00	1.00	1.25	28.75		
	LOW		1	6.00	1.00	1.25	7.50		
			1	4.90	1.00	1.25	6.13		
	LOW		4	22.60	1.00	1.25	113.00		
	LOW		1	9.80	1.00	1.25	12.25		
	LOW		1	4.15	1.00	1.25	5.19		
	LOW		1	5.90	1.00	1.25	7.38		
	Walls Towards E/S to W/S								
	SIW		1	28.60	1.00	1.25	35.75		
	SIW		1	5.40	1.00	1.25	6.75		
	SIW		1	4.10	1.00	1.25	5.13		
	SIW		1	4.00	1.00	1.25	5.00		
	SIW		1	4.00	1.00	1.25	5.00		
3444.0	SIW		1	3.80	1.00	1.25	4.75		
	SIW		1	3.80	1.00	1.25	4.75		
	SIW		1	4.10	1.00	1.25	5.13		
	SIW		1	4.00	1.00	1.25	5.00		
	SIW		1	4.00	1.00	1.25	5.00		
	SIW		1	4.10	1.00	1.25	5.13		
	SIW		1	4.00	1.00	1.25	5.00		
	SIW		1	4.00	1.00	1.25	5.00		
	SIW		1	2.10	1.00	1.25	2.63		
	SIW		1	1.40	1.00	1.25	1.75		
	SIW		1	4.10	1.00	1.25	5.13		
	SIW		1	4.00	1.00	1.25	5.00		
	SIW		1	4.00	1.00	1.25	5.00		
	SIW		1	1.90	1.00	1.25	2.38		
	SIW		1	14.60	1.00	1.25	18.25		
1454.0	Staircase - Pit		1	1.80	1.20	0.60	1.30		
	Sump		1	3.50	3.50	3.50	42.88		
							1261.04		
	Deductions								
	For Columns 1		6	3.00	0.90	1.25	20.25		
	Columns 2		4	2.00	0.90	1.25	9.00		
	Columns 3		2	4.00	0.90	1.25	9.00		
	For Common Footing 1		1	25.20	0.90	1.25	28.35		
	For Common Footing 2		1	20.40	0.90	1.25	22.95		
							-89.55		

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	Total Qty						1171.49		
	Qty upto 125%						610.74	340.79	208133.0
	Qty Above 125%						560.75	540.69	303191.0
	Basic Rate	449.00							
	Area Weightage @ 8%	35.92							
	Total	**484.92**							
	Tender Premium @ 11.50% above	55.77							
	Grand Total	**540.69**							
8	KSRB 2.8: Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. specification. No. KBS (P.6/I.2.15 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
	For Columns 1		6	3.50	3.50	0.20	14.70		
	Columns 2		4	2.50	2.50	0.20	5.00		
	Columns 3		2	4.50	3.50	0.20	6.30		
	For Common Footing 1		1	25.20	4.50	0.20	22.68		
	For Common Footing 2		1	20.40	4.50	0.20	18.36		
	For Lift Room		1	3.00	3.00	0.20	1.80		
	Walls Towards N/S to S/S								
	L/W		1	23.70	1.00	0.20	4.74		
	L/W		1	23.00	1.00	0.20	4.60		
	L/W		1	4.90	1.00	0.20	0.98		
	L/W		1	6.00	1.00	0.20	1.20		
	L/W		4	22.60	1.00	0.20	18.08		
	L/W		1	9.80	1.00	0.20	1.96		
	L/W		1	4.15	1.00	0.20	0.83		
	L/W		1	5.90	1.00	0.20	1.18		
	Walls Towards E/S to W/S								
	S/W		1	28.60	1.00	0.20	5.72		
	S/W		1	5.40	1.00	0.20	1.08		
	S/W		1	4.10	1.00	0.20	0.82		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	3.80	1.00	0.20	0.76		
	S/W		1	3.80	1.00	0.20	0.76		
	S/W		1	4.10	1.00	0.20	0.82		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.10	1.00	0.20	0.82		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	2.10	1.00	0.20	0.42		
	S/W		1	1.40	1.00	0.20	0.28		
	S/W		1	4.10	1.00	0.20	0.82		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	1.90	1.00	0.20	0.38		
	S/W		1	14.60	1.00	0.20	2.92		
	Sump		1	3.50	3.50	0.20	2.45		
							126.86		
	Deductions								
	For Columns 1		6	3.00	1.00	0.20	3.60		
	Columns 2		4	2.00	1.00	0.20	1.60		

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
Columns 3		2	4.00	1.00	0.20	1.60		
For Common Footing 1		1	25.20	1.00	0.20	5.04		
For Common Footing 2		1	20.40	1.00	0.20	4.08		
						-15.92		
						110.94		
Total Qty						**48.63**	2545.68	**123784.00**
Qty upto 125%						**62.32**	2925.00	**182271.00**
Qty Above 125%								
Basic Rate	2429.00							
Area Weightage @ 8%	194.32							
Total	**2623.32**							
Tender Premium @ 11.50% above	301.68							
Grand Total	**2925.00**							
KSRB 2.10: Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications. specification. No. KBS (P.6/I.2.17 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
Total Qty		Qty Vide Item No.8				**110.94**		
Qty upto 125%						**48.63**	3734.22	**181576.00**
Qty Above 125%						**62.32**	3610.19	**224969.00**
Basic Rate	2998.00							
Area Weightage @ 8%	239.84							
Total	**3237.84**							
Tender Premium @ 11.50% above	372.35							
Grand Total	**3610.19**							
KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
Bed Concrete Work								
For Columns 1		6	3.50	3.50	0.20	14.70		
Columns 2		4	2.50	2.50	0.20	5.00		
Columns 3		2	4.50	3.50	0.20	6.30		
For Common Footing 1		1	25.20	4.50	0.20	22.68		
For Common Footing 2		1	20.40	4.50	0.20	18.36		
For Lift Room		1	3.00	3.00	0.20	1.80		
Sump		1	3.50	3.50	0.20	2.45		
Walls Towards N/S to S/S								
L/W		1	23.70	1.00	0.20	4.74		
L/W		1	23.00	1.00	0.20	4.60		
L/W		1	6.00	1.00	0.20	1.20		
L/W		1	4.90	1.00	0.20	0.98		
L/W		4	22.60	1.00	0.20	18.08		
L/W		1	9.80	1.00	0.20	1.96		
						102.85		

CF 102.85

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	L/W		1	4.15	1.00	0.20	0.83		
	L/W		1	5.90	1.00	0.20	1.18		
	Walls Towards E/S to W/S								
	S/W		1	28.60	1.00	0.20	5.72		
	S/W		1	5.40	1.00	0.20	1.08		
	S/W		1	4.10	1.00	0.20	0.82		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	3.80	1.00	0.20	0.76		
	S/W		1	3.80	1.00	0.20	0.76		
	S/W		1	4.10	1.00	0.20	0.82		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.10	1.00	0.20	0.82		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	2.10	1.00	0.20	0.42		
	S/W		1	1.40	1.00	0.20	0.28		
	S/W		1	4.10	1.00	0.20	0.82		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	4.00	1.00	0.20	0.80		
	S/W		1	1.90	1.00	0.20	0.38		
	S/W		1	14.60	1.00	0.20	2.92		
	Flooring								
			0.50	6.00	1.00	0.20	0.60		
			0.50	4.90	1.20	0.20	0.59		
			1.00	3.50	(2.1+1.9)/2	0.20	1.40		
			0.50	5.45	1.90	0.20	1.04		
			1	6.00	3.80	0.20	4.56		
			1	4.90	2.10	0.20	2.06		
			3	5.75	4.00	0.20	13.80		
			1	5.75	5.40	0.20	6.21		
			3	9.80	4.00	0.20	23.52		
			1	9.80	1.40	0.20	2.74		
			1	4.15	1.80	0.20	1.49		
			0.50	5.00	1.40	0.20	0.70		
			0.50	4.90	1.80	0.20	0.88		
			0.50	4.15	1.20	0.20	0.50		
			0.50	5.90	1.75	0.20	1.03		
							187.98		
	Deductions								
	For Columns 1		6	3.00	1.00	0.20	3.60		
	Columns 2		4	2.00	1.00	0.20	1.60		
	Columns 3		2	4.00	1.00	0.20	1.60		
	For Common Footing 1		1	25.20	1.00	0.20	5.04		
	For Common Footing 2		1	20.40	1.00	0.20	4.08		
							-15.92		
	Total Qty						**172.06**		
	Qty upto 125%						**161.38**	5860.84	94579
	Qty Above 125%						**10.69**	6143.83	6565
	Basic Rate	5102.00							
	Area Weightage @ 8%	408.16							
	Total	**5510.16**							
	Tender Premium @ 11.50% above	633.67							
	Grand Total	**6143.83**							

Amount	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	[illegible] 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.23/I.5.6 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
	Below GL First Footing								
	Walls Towards N/S to S/S								
	LW		1	23.70	0.75	0.60	10.67		
	LW		1	23.00	0.75	0.60	10.35		
	LW		1	6.00	0.75	0.60	2.70		
	LW		1	4.90	0.75	0.60	2.21		
	LW		4	22.60	0.75	0.60	40.68		
	LW		1	9.80	0.75	0.60	4.41		
	LW		1	4.15	0.75	0.60	1.87		
	LW		1	5.90	0.75	0.60	2.66		
	Walls Towards E/S to W/S								
	SW		1	28.60	0.75	0.60	12.87		
	SW		1	5.40	0.75	0.60	2.43		
	SW		1	4.10	0.75	0.60	1.85		
	SW		1	4.00	0.75	0.60	1.80		
	SW		1	4.00	0.75	0.60	1.80		
	SW		1	3.80	0.75	0.60	1.71		
	SW		1	3.80	0.75	0.60	1.71		
	SW		1	4.10	0.75	0.60	1.85		
	SW		1	4.00	0.75	0.60	1.80		
	SW		1	4.00	0.75	0.60	1.80		
	SW		1	4.10	0.75	0.60	1.85		
	SW		1	4.00	0.75	0.60	1.80		
	SW		1	4.00	0.75	0.60	1.80		
	SW		1	2.10	0.75	0.60	0.95		
	SW		1	1.40	0.75	0.60	0.63		
	SW		1	4.10	0.75	0.60	1.85		
	SW		1	4.00	0.75	0.60	1.80		
	SW		1	4.00	0.75	0.60	1.80		
	SW		1	1.90	0.75	0.60	0.86		
	SW		1	14.60	0.75	0.60	6.57		
	Second Footing								
	Beam Towards N/S to S/S								
	LW		1	23.70	0.60	0.60	8.53		
	LW		1	23.00	0.60	0.60	8.28		
	LW		1	6.00	0.60	0.60	2.16		
			1	4.90	0.60	0.60	1.76		
	LW		4	22.60	0.60	0.60	32.54		
	LW		1	9.80	0.60	0.60	3.53		
4 94579	LW		1	4.15	0.60	0.60	1.49		
3 6565	LW		1	5.90	0.60	0.60	2.12		
	Beam Towards E/S to W/S								
	SW		1	28.60	0.60	0.60	10.30		
	SW		1	5.40	0.60	0.60	1.94		
	SW		1	4.10	0.60	0.60	1.48		
	SW		1	4.00	0.60	0.60	1.44		
	SW		1	4.00	0.60	0.60	1.44		
	SW		1	3.80	0.60	0.60	1.37		
	SW		1	3.80	0.60	0.60	1.37		

204.83

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amou
	S/W		1	4.10	0.60	0.60	1.48		
	S/W		1	4.00	0.60	0.60	1.44		
	S/W		1	4.00	0.60	0.60	1.44		
	S/W		1	4.10	0.60	0.60	1.48		
	S/W		1	4.00	0.60	0.60	1.44		
	S/W		1	4.00	0.60	0.60	1.44		
	S/W		1	2.10	0.60	0.60	0.76		
	S/W		1	1.40	0.60	0.60	0.50		
	S/W		1	4.10	0.60	0.60	1.48		
	S/W		1	4.00	0.60	0.60	1.44		
	S/W		1	4.00	0.60	0.60	1.44		
	S/W		1	1.90	0.60	0.60	0.68		
	S/W		1	14.60	0.60	0.60	5.26		
							225.11		
	Deduction - Column Portion		19	0.60	0.30	1.05	3.59		
			6	0.60	0.60	1.05	2.27		
							-5.86		
	Total Qty						**219.25**		
	Qty upto 125%						**199.69**	5041.99	10068
	Qty Above 125%						**19.56**	5534.50	1082
	Basic Rate	4596.00							
	Area Weightage @ 8%	367.68							
	Total	**4963.68**							
	Tender Premium @ 11.50% above	570.82							
	Grand Total	**5534.50**							
12	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.22/I.5.9 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
	Above GL								
	Walls Towards N/S to S/S								
	L/W		1	23.70	0.45	0.60	6.40		
	L/W		1	23.00	0.45	0.60	6.21		
	L/W		1	6.00	0.45	0.60	1.62		
			1	4.90	0.45	0.60	1.32		
	L/W		4	22.60	0.45	0.60	24.41		
	L/W		1	9.80	0.45	0.60	2.65		
	L/W		1	4.15	0.45	0.60	1.12		
	L/W		1	5.90	0.45	0.60	1.59		
	Walls Towards E/S to W/S								
	S/W		1	28.60	0.45	0.60	7.72		
	S/W		1	5.40	0.45	0.60	1.46		
	S/W		1	4.10	0.45	0.60	1.11		
	S/W		1	4.00	0.45	0.60	1.08		
	S/W		1	4.00	0.45	0.60	1.08		
	S/W		1	3.80	0.45	0.60	1.03		
	S/W		1	3.80	0.45	0.60	1.03		
	S/W		1	4.10	0.45	0.60	1.11		
	S/W		1	4.00	0.45	0.60	1.08		
	S/W		1	4.00	0.45	0.60	1.08		
	S/W		1	4.10	0.45	0.60	1.11		
	S/W		1	4.00	0.45	0.60	1.08		

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
		1	4.00	0.45	0.60	1.08		
		1	2.10	0.45	0.60	0.57		
		1	1.40	0.45	0.60	0.38		
		1	4.10	0.45	0.60	1.11		
		1	4.00	0.45	0.60	1.08		
		1	4.00	0.45	0.60	1.08		
		1	1.90	0.45	0.60	0.51		
		1	14.60	0.45	0.60	3.94		
						75.04		
- Column Portion		19	0.60	0.30	0.60	2.05		
		6	0.60	0.60	0.60	1.30		
						-3.35		
						78.39	6027.02	**472458.00**
15.1.3 Providing ruled pointing to stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. P/O Sl.15.3 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
Towards N/S to S/S								
		1	23.70		0.60	14.22		
		1	23.00		0.60	13.80		
		1	6.00		0.60	3.60		
		1	4.90		0.60	2.94		
		4	22.60		0.60	54.24		
		1	9.80		0.60	5.88		
		1	4.15		0.60	2.49		
		1	5.90		0.60	3.54		
Towards E/S to W/S								
		1	28.60		0.60	17.16		
		1	5.40		0.60	3.24		
		1	4.10		0.60	2.46		
		1	4.00		0.60	2.40		
		1	4.00		0.60	2.40		
		1	3.80		0.60	2.28		
		1	3.80		0.60	2.28		
		1	4.10		0.60	2.46		
		1	4.00		0.60	2.40		
		1	4.00		0.60	2.40		
		1	4.10		0.60	2.46		
		1	4.00		0.60	2.40		
		1	4.00		0.60	2.40		
		1	2.10		0.60	1.26		
		1	1.40		0.60	0.84		
		1	4.10		0.60	2.46		
		1	4.00		0.60	2.40		
		1	4.00		0.60	2.40		
		1	1.90		0.60	1.14		
		1	14.60		0.60	8.76		
						166.71		
						166.71	118.01	**19673.00**

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amo
14	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 (P.6/I.2.10 PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Cum							
	Total Qty		Qty Vide Item No.7				**1171.49**		
	Qty upto 125%						**610.74**	152.93	93
	Qty Above 125%						**560.75**	242.04	135
	Basic Rate	201.00							
	Area Weightage @ 8%	16.08							
	Total	**217.08**							
	Tender Premium @ 11.50% above	24.96							
	Grand Total	**242.04**							
15	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and footing , Pedestal staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, bed blocks, anchor blocks, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.10 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
	GF								
	Up to Plinth Level								
	For Columns 1		6	3.50	3.50	0.75	55.13		
	Columns 2		4	2.50	2.50	0.75	18.75		
	Columns 3		2	4.50	3.50	0.75	23.63		
	For Common Footing 1		1	25.20	4.50	0.75	85.05		
	Total Qty						**182.56**		
	Qty upto 125%						**117.44**	7491.33	
	Qty Above 125%						**65.12**	6998.81	
	Basic Rate	5812.00							
	Area Weightage @ 8%	464.96							
	Total	**6276.96**							
	Tender Premium @ 11.50% above	721.85							
	Grand Total	**6998.81**							

Amount	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in GF level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HCM of machinery, curing, complete as per specifications. Specification No. KBS 4.11, 4.6 (P.13&14/I.4.12 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
93400	Column Pedstal								
135727	For Columns 1		6	1.50	1.50	1.00	13.50		
	Columns 2		4	1.00	1.00	1.00	4.00		
	Columns 3		2	2.50	1.50	1.00	7.50		
	For Common Footing 1		1	25.20	2.00	1.00	50.40		
	For Common Footing 2		1	20.40	2.00	1.00	40.80		
	Lift Columns		4	1.50	1.50	1.00	9.00		
							125.20	7667.14	**959926.00**
	Plinth Beam								
	For Common Footing 2		1	20.40	4.50	0.75	68.85		
	Beams Towards N/S to S/S								
	LW		1	23.70	0.30	0.45	3.20		
	LW		1	23.00	0.30	0.45	3.11		
	LW		1	6.00	0.30	0.45	0.81		
	LW		1	4.90	0.30	0.45	0.66		
	LW		4	22.60	0.30	0.45	12.20		
	LW		1	9.80	0.30	0.45	1.32		
	LW		1	4.15	0.30	0.45	0.56		
	LW		1	5.90	0.30	0.45	0.80		
	Beams Towards E/S to W/S								
	SW		1	28.60	0.30	0.45	3.86		
	SW		1	5.40	0.30	0.45	0.73		
	SW		1	4.10	0.30	0.45	0.55		
	SW		1	4.00	0.30	0.45	0.54		
	SW		1	4.00	0.30	0.45	0.54		
	SW		1	3.80	0.30	0.45	0.51		
	SW		1	3.80	0.30	0.45	0.51		
879763	SW		1	4.10	0.30	0.45	0.55		
455780	SW		1	4.00	0.30	0.45	0.54		
	SW		1	4.00	0.30	0.45	0.54		
	SW		1	4.10	0.30	0.45	0.55		
	SW		1	4.00	0.30	0.45	0.54		
	SW		1	4.00	0.30	0.45	0.54		
	SW		1	2.10	0.30	0.45	0.28		
	SW		1	1.40	0.30	0.45	0.19		
	SW		1	4.10	0.30	0.45	0.55		
	SW		1	4.00	0.30	0.45	0.54		
	SW		1	4.00	0.30	0.45	0.54		
	SW		1	1.90	0.30	0.45	0.26		
	SW		1	14.00	0.30	0.45	1.89		
	Total Qty						**106.26**	7722.89	**820634.00**

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amo
18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 5175cum and fine aggregates @ 0.345cum, with superplastisiser @ 0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto GF level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.14/I.4.19 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
			Not Executed				**0.00**	549.12	
19			Not Executed				**0.00**	554.69	
20	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.17/I.4.46 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	T							
			0.15	414.02			**62.00**		
							62.00		
							62.00	72982.95	
21	Lift charges for steel of all diameters for additional floors over GF per floor height of 3.5 m. or part thereof cost of labour, complete as per specifications. Specification No. KBS (P.18/I.4.47 PW, P IWTD,SOUTH ZONE -SR 2016-17)	T							
	FF		0.00				**0.00**		
							0.00		
							0.00	568.38	
22	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.28 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
	Columns - Footings								
	For Columns 1		6	12.00		0.60	43.20		
	Columns 2		4	8.00		0.60	19.20		
	Columns 3		2	12.00		0.60	14.40		
	For Common Footing 1		2	25.20		0.60	30.24		

107.04

Amo	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
			2	4.00		0.60	4.80		
	Common Footing 2		2	20.40		0.60	24.48		
			2	4.00		0.60	4.80		
	Columns		4	8.00		0.60	19.20		
	Pedstal								
	Columns 1		6	6.00		1.00	36.00		
	Columns 2		4	4.00		1.00	16.00		
	Columns 3		2	12.00		0.60	14.40		
	Common Footing 1		2	25.20		0.60	30.24		
			2	8.00		1.00	16.00		
	Common Footing 2		2	20.40		0.60	24.48		
			2	8.00		1.00	16.00		
	Columns		4	8.00		1.00	32.00		
	Total Qty						**345.44**		
	Upto 125%						**253.60**	278.17	**70544.00**
	Above 125%						**91.84**	310.68	**28533.00**
	Basic Rate	258.00							
	Area Weightage @ 8%	20.64							
	Total	**278.64**							
	Tender Premium @ 11.50% above	32.04							
	Grand Total	**310.68**							
	KSBE 4.8.4: Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses of all materials, labour complete as per specifications. Specification No. KBS (P.15/4.31 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
	Plinth Beam Both Sides								
4524	Walls Towards N/S to S/S								
			2	23.00		0.45	20.70		
			2	23.70		0.45	21.33		
			2	6.00		0.45	5.40		
			2	4.90		0.45	4.41		
			2	22.60		0.45	20.34		
			2x2	22.60		0.45	40.68		
			2	15.55		0.45	14.00		
			2	5.45		0.45	4.91		
			2	9.80		0.45	8.82		
			2	4.15		0.45	3.74		
			2	5.90		0.45	5.31		
	Walls Towards E/S to W/S								
			2	28.60		0.45	25.74		
			2	5.40		0.45	4.86		
			2	4.10		0.45	3.69		
			2	4.00		0.45	3.60		
			2	4.00		0.45	3.60		
			2	3.80		0.45	3.42		
			2	3.80		0.45	3.42		
			2	4.10		0.45	3.69		
			2	4.00		0.45	3.60		
			2	4.00		0.45	3.60		
			2	4.10		0.45	3.69		
			2	4.00		0.45	3.60		
			2	4.00		0.45	3.60		

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amo
	S/W		2	2.10		0.45	1.89		
	S/W		2	1.40		0.45	1.26		
	S/W		2	4.10		0.45	3.69		
	S/W		2	4.00		0.45	3.60		
	S/W		2	4.00		0.45	3.60		
	S/W		2	1.90		0.45	1.71		
	S/W		2	14.60		0.45	13.14		
	Lift Portion								
	Footing Portion		4	2.30		0.60	5.52		
	Side Walls		4	1.40		3.00	16.80		
			4	1.80		3.00	21.60		
	Sump-Side Walls		4	3.00		1.50	18.00		
			4	2.40		1.50	14.40		
	Top Slab		1	3.50	3.00		10.50		
			2	3.50		0.15	1.05		
			2	3.00		0.15	0.90		
	Total Qty						**337.40**		
	Qty upto 125%						**259.76**	352.83	9
	Qty Above 125%						**77.63**	431.10	3
	Basic Rate	358.00							
	Area Weightage @ 8%	28.64							
	Total	**386.64**							
	Tender Premium @ 11.50% above	44.46							
	Grand Total	**431.10**							
24	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.32 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
	GF - Columns 1		6	2.10		5.25	66.15		
	Lift Columns		4	1.60		5.25	33.60		
	Column 2		19	1.80		5.30	181.26		
							281.01	440.74	12
25	**FF - Columns**								
	GF - Columns 1		6	2.10		3.65	45.99		
	Lift Columns		4	1.60		3.65	23.36		
	Column 2		19	1.80		3.65	124.83		
							194.18	446.31	8
26	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16/I.4.34 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
	Roof Beam 3 Sides								
	Walls Towards N/S to S/S								
	L/W		1	6.00		0.90	5.40		
	L/W		1	4.90		0.90	4.41		

9.81

Amou	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
			1	22.60		0.90	20.34		
			2	22.60		1.80	81.36		
			1	15.55		1.80	27.99		
			1	5.45		0.90	4.91		
			1	9.80		0.90	8.82		
			1	4.15		0.90	3.74		
			1	5.90		0.90	5.31		
	Walls Towards E/S to W/S								
			1	28.60		0.90	25.74		
			1	5.40		0.90	4.86		
			1	4.10		0.90	3.69		
			1	4.00		0.90	3.60		
			1	4.00		0.90	3.60		
			1	3.80		0.90	3.42		
			1	3.80		0.90	3.42		
			1	4.10		0.90	3.69		
			1	4.00		0.90	3.60		
9165			1	4.00		0.90	3.60		
3346			1	4.10		0.90	3.69		
			1	4.00		0.90	3.60		
			1	4.00		0.90	3.60		
			1	2.10		0.90	1.89		
			1	1.40		0.90	1.26		
			1	4.10		0.90	3.69		
			1	4.00		0.90	3.60		
			1	4.00		0.90	3.60		
			1	1.90		0.90	1.71		
			1	14.60		0.90	13.14		
							261.27	308.28	**80544.00**
	FF - Roof Beam 3 Sides								
	Walls Towards N/S to S/S								
			1	6.00		0.90	5.40		
			1	4.90		0.90	4.41		
			1	22.60		0.90	20.34		
			2	22.60		1.80	81.36		
1238			1	15.55		1.80	27.99		
			1	5.45		0.90	4.91		
			1	9.80		0.90	8.82		
			1	4.15		0.90	3.74		
			1	5.90		0.90	5.31		
	Walls Towards E/S to W/S								
8666			1	28.60		0.90	25.74		
			1	5.40		0.90	4.86		
			1	4.10		0.90	3.69		
			1	4.00		0.90	3.60		
			1	4.00		0.90	3.60		
			1	3.80		0.90	3.42		
			1	3.80		0.90	3.42		
			1	4.10		0.90	3.69		
			1	4.00		0.90	3.60		
			1	4.00		0.90	3.60		
			1	4.10		0.90	3.69		
			1	4.00		0.90	3.60		
			1	4.00		0.90	3.60		
			1	2.10		0.90	1.89		
			1	1.40		0.90	1.26		
			1	4.10		0.90	3.69		

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amo
	S/W		1	4.00		0.90	3.60		
	S/W		1	4.00		0.90	3.60		
	S/W		1	1.90		0.90	1.71		
	S/W		1	14.60		0.90	13.14		
	Cill Concrete								
	Below Window		5	2.40	2.50		30.00		
			5x2	2.40		0.20	4.80		
	Above Window		13	2.40	0.40		12.48		
			13x2	2.40		0.20	12.48		
	Lift Portion								
	Side		4	1.40		0.45	2.52		
			4	1.80		0.45	3.24		
							326.79	313.85	102
28	KSRB 4-6.2: Providing and removing centering height more than 3.5 mtrs, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.18 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
a	**GF - Roof Slab**		0.50	6.00	1.00		3.00		
			0.50	4.90	1.20		2.94		
			1.00	3.50	(2.1+1.9)/2		7.00		
			0.50	5.45	1.90		5.18		
			1	6.00	3.80		22.80		
			1	4.90	2.10		10.29		
			3	5.75	4.00		69.00		
			1	5.75	5.40		31.05		
			3	9.80	4.00		117.60		
			1	9.80	1.40		13.72		
			1	4.15	1.80		7.47		
			0.50	5.00	1.40		3.50		
			0.50	4.90	1.80		4.41		
			0.50	4.15	1.20		2.49		
			0.50	5.90	1.75		5.16		
							305.61	376.91	
29	**FF - Roof Slab**		0.50	6.00	1.00		3.00		
			0.50	4.90	1.20		2.94		
			1.00	3.50	(2.1+1.9)/2		7.00		
			0.50	5.45	1.90		5.18		
			1	6.00	3.80		22.80		
			1	4.90	2.10		10.29		
			3	5.75	4.00		69.00		
			1	5.75	5.40		31.05		
			3	9.80	4.00		117.60		
			1	9.80	1.40		13.72		
			1	4.15	1.80		7.47		
			0.50	5.00	1.40		3.50		
			0.50	4.90	1.80		4.41		
			0.50	4.15	1.20		2.49		
			0.50	5.90	1.75		5.16		
			1	23.00	1.00		23.00		
			1	28.60	1.00		28.60		
							357.21	382.49	

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
4.6.9 :Providing and removing centering, shuttering, strutting, propping etc. for edges of slabs and breaks in floor, sills, plinth including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.36 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
GF - Slab Edge		1	23.00		0.20	4.60		
		1	23.70		0.20	4.74		
		1	28.60		0.20	5.72		
		1	14.60		0.20	2.92		
						17.98	816.45	**14680.00**
FF - Slab Edge		1	24.00		0.20	4.80		
		1	24.70		0.20	4.94		
		1	29.60		0.20	5.92		
		1	14.60		0.20	2.92		
						18.58	822.02	**15273.00**
4.6.10 :Providing and removing centering, shuttering, strutting, propping etc. for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.37 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Sqm							
GF		Not Executed				**0.00**	325.13	**0.00**
FF		Not Executed				**0.00**	330.71	**0.00**
4.6.11 :Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.17/I.4.38 PW, P & IWTD -SR 2011-12)	Sqm							
GF - Stair case - W/S								
First Flight		1	1.50	1.50		2.25		
Landing		1	1.50	1.50		2.25		
Second Flight		1	1.50	1.50		2.25		
Landing		1	1.70	1.50		2.55		
Third Flight		1	1.50	1.50		2.25		
Steps		18	1.50		0.20	5.40		
						16.95	572.00	**9695.00**
FF - Stair case - W/S								
First Flight		1	1.50	1.70		2.55		
Landing		1	1.50	1.50		2.25		
Second Flight		1	1.50	1.80		2.70		
Landing		1	1.70	1.50		2.55		
Third Flight		1	1.50	1.80		2.70		
Steps		21	1.50		0.20	6.30		
Tiles						**19.05**		
Qty upto 125%						**17.86**	577.57	**10317.00**
Qty Above 125%						**1.19**	631.76	**750.00**
Basic Rate	520.00							